

## Grant Projects Database Report for The San Joaquin Valley Region

Project Title	Calendar Year Funded	County	Grant Amount Awarded	Recipient
CBDA Program Element: Drinking Water Quality				
Recovery, Purification & Utilization of Salts From Agricultural Drainage Water in the San Joaquin Valley	2001	Fresno	\$322,500	University of California Davis
Adaptive Real-Time Monitoring & Management of Seasonal Wetlands in the San Luis National Wildlife Refuge to Quantify Contaminant Sources & Improve Water Quality in the San Joaquin River	2002	Merced	\$320,000	Berkeley National Laboratory
Agricultural Drainage Treatment: Intermediate-Scale Experiments	2002	Fresno	\$155,000	Panoche Drainage District
Control of Agricultural Runoff	2002	Stanislaus	\$742,000	Turlock Irrigation District
County of Tuolumne Water Quality Plan	2002	Tuolumne	\$182,995	County of Tuolumne Planning Division
Dairy Nutrient Management Program	2002	Stanislaus	\$271,930	East Stanislaus Resource Conservation District
Determining Mitigation Strategies to Prevent Contaminants From Animal Feeding Operations from Entering Drinking Water Sources	2002	Merced	\$568,000	Merced County Division of Environmental Health
Full Scale Demonstration of Agricultural Drainage Water Recycling Process Using Membrane Technology	2002	Fresno	\$158,045	United States Geological Survey
Improving Delta Drinking Water Quality: Managing Sources of Disinfection By-Product-Forming Material in the State Water Project	2002	San Joaquin	\$1,368,813	United States Geological Survey
Salt and Martinez Creeks Watershed Assessments	2002	Fresno	\$200,000	Westside Resource Conservation District
San Joaquin Valley/Southern California Water Quality Exchange	2002	Fresno	\$20,000,000	University of California Davis & WaterTech Partners
San Luis Drain Algae & Total Organic Carbon Control Project	2002	Merced	\$145,680	Grassland Basin Drainers
Vernalis Real-Time Water Quality Monitoring Station	2002	San Joaquin	\$515,000	California Department of Water Resources
Summary for 'Program Element' = Drinking Water Quality 13 projects				
Grant Dollars Awarded For Program Element:			<b>\$24,949,963</b>	

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Project Title	Calendar Year Funded	County	Grant Amount Awarded	Recipient
CBDA Program Element: Ecosystem Restoration  Implementing Programs to Reduce the Use of Pesticides and Fertilizers in Sacramento and San Joaquin Watersheds (Bios - Biological Integrated Orchard Systems)	1995	Merced, Stanislaus	\$660,000	Community Alliance with Family Farmers
Cosumnes River Preserve (Valensin Ranch Acquisition)	1996	Sacramento	\$1,500,000	The Nature Conservancy
Acquisition and Restoration of Refuge Lands (San Joaquin River National Wildlife Refuge)	1997	Merced	\$10,827,000	US Fish & Wildlife Service
Bear Creek Floodplain Restoration Demonstration Project (San Luis National Wildlife Refuge)	1997	Merced	\$334,000	US Fish & Wildlife Service (San Luis National Wildlife Refuge Complex)
Developing a Genetic Baseline for San Joaquin Salmon	1997	Multiple	\$387,003	CA Dept of Fish & Game
Gravel Replacement at Basso Bridge	1997	Tuolumne	\$250,975	CA Dept of Fish & Game
Knights Ferry Gravel Replenishment	1997	Stanislaus	\$536,410	Carl Mesick Consultants
San Joaquin River Real-Time Water Quality Management Program	1997	Merced, San Joaquin, Stanislaus	\$931,857	California Department of Water Resources, San Joaquin District
Stanilaus River Chinook Salmon Habitat Restoration Actions, Williams Site - CANCELLED	1997	Stanislaus	\$1,037,899	California Department of Water Resources / California Department of Fish and Game
Tuolumne River Channel Restoration (Pool 9)	1997	Stanislaus	\$2,353,100	Turlock Irrigation District
Tuolumne River Setback Levees and Channel/Mining Reach Restoration (7/11 Segment)	1997	Stanislaus	\$2,801,000	Turlock Irrigation District
Bacterial Treatment of Selenium in the Panoche Drainage	1998	Multiple	\$1,149,000	University of California, Berkeley
Basso Bridge and Merced River Ranch Land Acquisition	1998	Tuolumne	\$830,500	California Department of Fish & Game, Resources Agency
Environmental Agriculture Conferences and Field Tours	1998	Multiple	\$28,000	The Committee for Sustainable Agriculture
Grayson River Ranch Perpetual Easement and Restoration	1998	Stanislaus	\$732,000	East Stanislaus Resource Conservation District
Lower San Joaquin River Floodplain Protection and Restoration Project	1998	Stanislaus	\$1,100,000	US Fish & Wildlife Service
Merced River Corridor Restoration Plan	1998	Merced	\$300,000	Stillwater Sciences
Merced River Salmon Habitat Enhancement (Phase III)	1998	Merced	\$2,433,759	California Departmento of Water Resources
San Joaquin Valley Salmonids in the Classroom Program Enhancement	1998	Multiple	\$3,000	California Department of Fish & Game
Tuolumne River Natural Resources Program	1998	Stanislaus	\$94,213	City of Modesto

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Trolumne River Setback Levees and Channel Restoration  1998 Standards \$1,562,000  Turlock Irrigation District  Woodbridge Fish Screen and Passage  1998 Sacramento. San Josephin \$1,575,000  Woodbridge Fish Screen and Passage  Biological Agricultural Systems in Cotton-BASIC-Reducing Synthetic Pesticides & Fertilizers in the North San Josephin Valley  Determination of the Causes of Dissolved Oxygen Depletion in the San Josephin Mercod. San Josephin Standards of the Causes of Dissolved Oxygen Depletion in the San Josephin Mercod. San Josephin Standards Cotton Project Plases Military Standards Cotton Project Plase Project Plase Project Plase Project Plase III Posses Plase III Posses Plase III Posses Plase III Posses III P		Calendar		Grant Amount	
Woodbridge Fish Screen and Passage  1998 Sacramento, San Joaquin  1999 Multiple  \$460,000 Sustainable Cotton Project  Pesticides & Fertilizers in the North San Joaquin Valley  Determination of the Causes of Dissolved Oxygen Depletion in the San Joaquin River Individual Systems in Cotton-BASIC-Reducing Synthetic  1999 Merced, San Joaquin,  Shanislaus  \$1,545,000 Natural Resources Conservation Service  Health Monitoring of Hatchery and Natural Fall-trun Chinook Juveniles in the  San Joaquin River Individual Systems Models to Support Adaptive  Health Monitoring of Hatchery and Natural Fall-trun Chinook Juveniles in the  San Joaquin River Individual Systems Models to Support Adaptive  Health Monitoring of Hatchery and Natural Fall-trun Chinook Juveniles in the  San Joaquin River Individual Systems Models to Support Adaptive  Individual Systems Models to Support Adaptive Resources  Individual Systems Models to Support Adaptive Resources  Individual Systems Models to Support Adaptive Resource Systems Models to Support Models and Models Systems Systems Models Systems Systems Models Systems Sys	Project Title	Year Fundea	d County	Awarded	Recipient
Joaquin	Tuolumne River Setback Levees and Channel Restoration	1998	Stanislaus	\$1,362,000	Turlock Irrigation District
Pesticides & Fertilizers in the North San Joaquin Valley  Determination of the Causes of Dissolved Oxygen Depletion in the San Joaquin River Stanislaus  \$892,400   California Department of Water Resources, Environmental Services Office  Floodplain Easements - Lower Tuolumne and San Joaquin Rivers  \$1999   Stanislaus  \$1,545,000   Natural Resources Conservation Service  Health Monitoring of Hatchery and Natural Fall-run Chinook Juveniles in the San Joaquin River and Delta, April - June 2000  Linked Hydrogeomorphic Ecosystem Models to Support Adaptive  Bered River Salmon Habitat Enhancement (Phase I - Robinson/Gallo Salmon Restoration Project: Ratzlaff Reach Site)  Merced River Salmon Habitat Enhancement (Phase I - Robinson/Gallo Salmon Restoration Site  Merced River Salmon Habitat Enhancement: Lower Western Stone Restoration Site  Merced River Salmon Habitat Enhancement: Lower Western Stone Preson, Madera S70,467 San Joaquin River Parkway & Conservation Trust  San Joaquin River Poliot Project 1999   Fresno, Madera S70,467 San Joaquin River Parkway & Conservation Trust  San Joaquin River Pilot Project 1999   Fresno S2,576,000 Friant Water Users Authority  Tuolumne River Mining Reach Restoration (MJ Ruddy) 1999   Stanislaus S3,090,000 Oakdale & South San Joaquin Irrigation District  Tuolumne River Run Pool 10 Restoration San Joaquin Basin, Phase 1 Li Li  Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District  Focused Action to Develop Ecologically-Based Hydrologic Models and Water Stones (Presno, San Benito S873,440 Westside Resource Conservation District  Panoche/Silver Creek Watershed Management/Action Plan 2000 Fresno, San Benito S873,440 Westside Resource Conservation District	Woodbridge Fish Screen and Passage	1998	•	\$1,575,000	Woodbridge Irrigation District
Joaquin River   Stanislaus   Environmental Services Office		1999	Multiple	\$460,000	Sustainable Cotton Project
Health Monitoring of Hatchery and Natural Fall-run Chinook Juveniles in the San Joaquin River and Delta, April - June 2000  Linked Hydrogeomorphic Ecosystem Models to Support Adaptive 1999  Sacramento \$1,546,016  UC Davis  Merced River Salmon Habitat Enhancement (Phase I - Robinson/Gallo Salmon Restoration Project: Ratzlaff Reach Site)  Merced River Salmon Habitat Enhancement: Lower Western Stone River Studies Center Exhibits & Programs 1999  Fresno, Madera \$70,467  San Joaquin River Parkway & Conservation Trust San Joaquin River Pilot Project 1999  Fresno \$2,575,000  Friant Water Users Authority  Tuolumne River Mining Reach Restoration (MJ Ruddy) 1999  Stanislaus \$3,332,050  Turlock Irrigation District  Tuolumne River Run Pool 10 Restoration - San Joaquin Basin, Phase I & III  Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District  Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin  Merced River Corridor Restoration Project Phase III 2000  Merced \$272,912  Stillwater Sciences  Panoche/Silver Cerek Watershed Management/Action Plan 2000  Fresno, San Benito \$873,440  Westside Resource Conservation District		1999		\$892,400	
San Joaquin River and Delta, April - June 2000  Linked Hydrogeomorphic Ecosystem Models to Support Adaptive Management  Merced River Salmon Habitat Enhancement (Phase I - Robinson/Gallo Salmon Restoration Project: Ratzlaff Reach Site)  Merced River Salmon Habitat Enhancement: Lower Western Stone Restoration Site  Merced River Salmon Habitat Enhancement: Lower Western Stone Restoration Site  River Studies Center Exhibits & Programs  1999 Fresno, Madera \$70,467 San Joaquin River Parkway & Conservation Trust  San Joaquin County Water Acquisition  1999 San Joaquin, Stanislaus \$3,090,000 Oakdale & South San Joaquin Irrigation Districts  San Joaquin River Pilot Project  1999 Fresno \$2,575,000 Friant Water Users Authority  Tuolumne River Mining Reach Restoration (MJ Ruddy)  1999 Stanislaus \$3,332,050 Turlock Irrigation District  Tuolumne River Run Pool 10 Restoration  1999 Stanislaus \$165,000 Turlock Irrigation District  Tuolumne River Run Pool 10 Restoration - San Joaquin Basin, Phase I & Merced, Stanislaus \$230,376 Stillwater Sciences  I & II   Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District  Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin  Merced River Corridor Restoration Project Phase III  2000 Merced \$272,912 Stillwater Sciences  Panoche/Silver Creek Watershed Management/Action Plan  2000 Fresno, San Benito \$83,440 Westside Resource Conservation District	Floodplain Easements - Lower Tuolumne and San Joaquin Rivers	1999	Stanislaus	\$1,545,000	Natural Resources Conservation Service
Merced River Salmon Habitat Enhancement (Phase I - Robinson/Gallo Salmon Restoration Project: Ratzlaff Reach Site)  Merced River Salmon Habitat Enhancement: Lower Western Stone Restoration Site  River Studies Center Exhibits & Programs  1999 Fresno, Madera \$70,467 San Joaquin River Parkway & Conservation Trust  San Joaquin County Water Acquisition  1999 San Joaquin, Stanislaus \$3,090,000 Oakdale & South San Joaquin Irrigation Districts  San Joaquin River Pilot Project  1999 Fresno \$2,575,000 Friant Water Users Authority  Tuolumne River Mining Reach Restoration (MJ Ruddy)  1999 Stanislaus \$3,332,050 Turlock Irrigation District  Tuolumne River Run Pool 10 Restoration  A Mechanistic Approach to Riparian Restoration - San Joaquin Basin, Phase I & II  Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District  Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin  Merced River Corridor Restoration Project Phase III  2000 Merced \$272,912 Stillwater Sciences  Panoche/Silver Creek Watershed Management/Action Plan  2000 Fresno, San Benito \$873,440 Westside Resource Conservation District		1999	Merced, San Joaquin	\$38,996	
Salmon Restoration Project: Ratzlaff Reach Site)  Merced River Salmon Habitat Enhancement: Lower Western Stone Restoration Site  River Studies Center Exhibits & Programs  1999 Fresno, Madera  \$70,467 San Joaquin River Parkway & Conservation Trust  San Joaquin County Water Acquisition  1999 San Joaquin, Stanislaus  \$3,090,000 Oakdale & South San Joaquin Irrigation Districts  San Joaquin River Pilot Project  1999 Fresno  \$2,575,000 Friant Water Users Authority  Tuolumne River Mining Reach Restoration (MJ Ruddy)  1999 Stanislaus  \$3,332,050 Turlock Irrigation District  Tuolumne River Run Pool 10 Restoration  1999 Stanislaus  \$165,000 Turlock Irrigation District  A Mechanistic Approach to Riparian Restoration - San Joaquin Basin, Phase  1& II  Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District  Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin  Merced River Corridor Restoration Project Phase III  2000 Merced  \$272,912 Stillwater Sciences  Panoche/Silver Creek Watershed Management/Action Plan  2000 Fresno, San Benito  873,440 Westside Resource Conservation District	, , , , , , , , , , , , , , , , , , , ,	1999	Sacramento	\$1,546,016	UC Davis
Restoration Site  River Studies Center Exhibits & Programs  1999 Fresno, Madera \$70,467 San Joaquin River Parkway & Conservation Trust  San Joaquin County Water Acquisition  1999 San Joaquin, Stanislaus \$3,090,000 Oakdale & South San Joaquin Irrigation Districts  San Joaquin River Pilot Project  1999 Fresno \$2,575,000 Friant Water Users Authority  Tuolumne River Mining Reach Restoration (MJ Ruddy) 1999 Stanislaus \$3,332,050 Turlock Irrigation District  Tuolumne River Run Pool 10 Restoration 1999 Stanislaus \$165,000 Turlock Irrigation District  A Mechanistic Approach to Riparian Restoration - San Joaquin Basin, Phase I & II  Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District  Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin  Merced River Corridor Restoration Project Phase III  2000 Merced \$272,912 Stillwater Sciences  Panoche/Silver Creek Watershed Management/Action Plan 2000 Fresno, San Benito \$873,440 Westside Resource Conservation District		1999	Merced	\$1,586,350	California Department of Water Resources
San Joaquin County Water Acquisition  1999 San Joaquin, Stanislaus  \$3,090,000 Oakdale & South San Joaquin Irrigation Districts  San Joaquin River Pilot Project  1999 Fresno  \$2,575,000 Friant Water Users Authority  Tuolumne River Mining Reach Restoration (MJ Ruddy)  1999 Stanislaus  \$3,332,050 Turlock Irrigation District  Tuolumne River Run Pool 10 Restoration  1999 Stanislaus  \$165,000 Turlock Irrigation District  A Mechanistic Approach to Riparian Restoration - San Joaquin Basin, Phase   2000 Merced, Stanislaus  \$230,376 Stillwater Sciences  Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District  Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin  Merced River Corridor Restoration Project Phase III  2000 Merced  \$272,912 Stillwater Sciences  \$873,440 Westside Resource Conservation District		1999	Merced	\$130,000	California Department of Water Resources
San Joaquin River Pilot Project  1999 Fresno \$2,575,000 Friant Water Users Authority  Tuolumne River Mining Reach Restoration (MJ Ruddy)  1999 Stanislaus \$3,332,050 Turlock Irrigation District  Tuolumne River Run Pool 10 Restoration  1999 Stanislaus \$165,000 Turlock Irrigation District  A Mechanistic Approach to Riparian Restoration - San Joaquin Basin, Phase 2000 Merced, Stanislaus \$230,376 Stillwater Sciences  1 & II  Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District  Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin  Merced River Corridor Restoration Project Phase III  2000 Merced \$272,912 Stillwater Sciences  Panoche/Silver Creek Watershed Management/Action Plan  2000 Fresno, San Benito \$873,440 Westside Resource Conservation District	River Studies Center Exhibits & Programs	1999	Fresno, Madera	\$70,467	San Joaquin River Parkway & Conservation Trust
Tuolumne River Mining Reach Restoration (MJ Ruddy)  1999 Stanislaus \$3,332,050 Turlock Irrigation District  Tuolumne River Run Pool 10 Restoration  1999 Stanislaus \$165,000 Turlock Irrigation District  A Mechanistic Approach to Riparian Restoration - San Joaquin Basin, Phase 1 & II  A Mechanistic Approach to Riparian Restoration - San Joaquin Basin, Phase 2000 Merced, Stanislaus \$230,376 Stillwater Sciences  Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District  Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin  Merced River Corridor Restoration Project Phase III  2000 Merced \$272,912 Stillwater Sciences  Panoche/Silver Creek Watershed Management/Action Plan  2000 Fresno, San Benito \$873,440 Westside Resource Conservation District	San Joaquin County Water Acquisition	1999	San Joaquin, Stanislaus	\$3,090,000	Oakdale & South San Joaquin Irrigation Districts
Tuolumne River Run Pool 10 Restoration 1999 Stanislaus \$165,000 Turlock Irrigation District  A Mechanistic Approach to Riparian Restoration - San Joaquin Basin, Phase 1 8 II  Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District  Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin  Merced River Corridor Restoration Project Phase III  2000 Merced \$272,912 Stillwater Sciences  Panoche/Silver Creek Watershed Management/Action Plan  2000 Fresno, San Benito \$873,440 Westside Resource Conservation District	San Joaquin River Pilot Project	1999	Fresno	\$2,575,000	Friant Water Users Authority
A Mechanistic Approach to Riparian Restoration - San Joaquin Basin, Phase  1 & II  Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District  Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin  Merced River Corridor Restoration Project Phase III  2000 Merced  Merced  \$2000 Multiple  \$304,803 Natural Heritage Institute  Merced River Corridor Restoration Project Phase III  2000 Merced  \$272,912 Stillwater Sciences  Panoche/Silver Creek Watershed Management/Action Plan  2000 Fresno, San Benito  \$873,440 Westside Resource Conservation District	Tuolumne River Mining Reach Restoration (MJ Ruddy)	1999	Stanislaus	\$3,332,050	Turlock Irrigation District
Adaptive Real-Time Water Quality Management of Seasonal Wetlands in the Grassland Water District  Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin  Merced River Corridor Restoration Project Phase III  2000 Merced \$272,912 Stillwater Sciences  Panoche/Silver Creek Watershed Management/Action Plan  2000 Fresno, San Benito \$873,440 Westside Resource Conservation District	Tuolumne River Run Pool 10 Restoration	1999	Stanislaus	\$165,000	Turlock Irrigation District
Grassland Water District  Focused Action to Develop Ecologically-Based Hydrologic Models and Water Management Strategies in the San Joaquin Basin  Merced River Corridor Restoration Project Phase III  2000 Merced \$272,912 Stillwater Sciences  Panoche/Silver Creek Watershed Management/Action Plan  2000 Fresno, San Benito \$873,440 Westside Resource Conservation District		2000	Merced, Stanislaus	\$230,376	Stillwater Sciences
Management Strategies in the San Joaquin Basin  Merced River Corridor Restoration Project Phase III  2000 Merced \$272,912 Stillwater Sciences  Panoche/Silver Creek Watershed Management/Action Plan  2000 Fresno, San Benito \$873,440 Westside Resource Conservation District		2000	Merced	\$671,900	Grassland Water District
Panoche/Silver Creek Watershed Management/Action Plan 2000 Fresno, San Benito \$873,440 Westside Resource Conservation District		2000	Multiple	\$304,803	Natural Heritage Institute
	Merced River Corridor Restoration Project Phase III	2000	Merced	\$272,912	Stillwater Sciences
Tuolumne River Bobcat Flat Floodplain Acquisition 2000 Stanislaus \$2,043,850 Friends of the Tuolumne, Inc.	Panoche/Silver Creek Watershed Management/Action Plan	2000	Fresno, San Benito	\$873,440	Westside Resource Conservation District
	Tuolumne River Bobcat Flat Floodplain Acquisition	2000	Stanislaus	\$2,043,850	Friends of the Tuolumne, Inc.

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	Calendar		Grant Amount	
Project Title	Year Fundea	! County	Awarded	Recipient
Cosumnes/Mokelumne Corridor Floodplain Acquisitions, Management, and Restoration Planning	2001	Sacramento	\$3,044,342	The Nature Conservancy
Delta Studies Program: San Joaquin County Schools	2001	San Joaquin	\$306,291	San Joaquin County Office of Education
Directed Action for Selenium	2001	Multiple	\$115,000	*
Directed Action for Sources and Causes of Oxygen Demand from Algal Biomass in the San Joaquin River Deep Water Ship Channel	2001	San Joaquin	\$393,596	Dept of Water Resouces
Evaluate Use of a Two-Dimensional Hydraulic and Habitat Simulation Model to Assess Benefits of Channel Restoration	2001	Stanislaus	\$11,000	United States Fish & Wildlife Service
Habitat Acquisition for Riparian Brush Rabbit and Riparian Wood Rat	2001	San Joaquin, Stanislaus	\$2,720,085	United States Fish & Wildlife Service
Health Monitoring of Hatchery and Natural Fall-Run Chinook Juveniles	2001	San Joaquin, Stanislaus	\$40,890	United States Fish & Wildlife Service
Lower Calaveras River Chinook Salmon and Steelhead Life History Limiting Factors Assessment	2001	San Joaquin	\$314,704	Fishery Foundation of California
Merced River Water Temperature Management Feasibility Study	2001	Merced	\$45,000	Merced Irrigation District
Monitoring of Nutrients and Oxygen Depleting Substances in the San Joaquin River Basin Upstream of Vernalis	2001	Unknown	\$276,000	Unknown
Non-Structural Alternative at the San Joaquin River National Wildlife Refuge: Refinement for Habitat Enhancement	2001	Merced	\$231,942	Ducks Unlimited, Inc.
Patterson Irrigation District Positive Barrier Fish Screen on San Joaquin River Diversion	2001	Stanislaus	\$175,000	Patterson Irrigation District
Revised Phase 2: Merced River Salmon Habitat Enhancement: River Miles 42 to 44 (Robinson Ranch and Permit #307 sites) - WAS 01-N06	2001	Marin, Merced	\$1,699,101	California Department of Fish and Game, Central Valley Bay-Delta Branch
San Joaquin River Chinook Salmon Age Determinations: Phase II	2001	San Joaquin, Stanislaus	\$54,555	California Department of Fish & Game
San Joaquin River National Wildlife Refuge Riparian Habitat Protection & Floodplain Restoration Project - Phase II	2001	Stanislaus	\$7,646,233	United States Fish & Wildlife Service
Spawning Habitat & Floodplain Restoration in the Stanislaus River, Phase I	2001	Tuolumne	\$672,610	Carl Mesick Consultants
Stockton East Water District and Calaveras County Water District Fish Screen Facilities - Calaveras River	2001	Calaveras, San Joaquin	\$670,000	Stockton East Water District
Traveling Film Festival/San Joaquin River Oral History Film	2001	Multiple	\$281,316	Independent Documentary Group
Tuolumne River Fine Sediment Management	2001	Stanislaus	\$910,486	Turlock Irrigation District
Tuolumne River Mining Reach Restoration Number 3, Warner-Deardorff Segment	2001	Stanislaus	\$910,486	Turlock Irrigation District

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Project Title	Calendar Year Funded	County	Grant Amount Awarded	Recipient
Tuolumne River Restoration: Special Run Pool 10	2001	Stanislaus	\$543,530	Turlock Irrigation District
Tuolumne River Watershed Outreach and Stewardship	2001	Tuolumne	\$62,000	Tuolumne River Preservation Trust
Full-Scale Demonstration of Agricultural Drainage-Water Recycling Process Using Membrane Technology	2002	Fresno	\$280,890	Water Tech Partners
Merced River Corridor Restoration Plan Phase IV:Dredger Tailings Reach	2002	Merced	\$2,192,515	Stillwater Sciences
Patterson Irrigation District Fish Screen Design & Environmental Review	2002	Stanislaus	\$611,000	Patterson Irrigation District
Recovery Implementation for Riparian Brush Rabbit and Riparian Woodrat on the Lower Stanislaus River (Was ERP-02-P25-D and then was 02D-P59).	2002	San Joaquin	\$6,427,131	US Fish and Widlife Service
Restoration & Monitoring of Riparian Habitat Corridors Along the Lower Mokelumne River	2002	San Joaquin	\$859,405	San Joaquin County RCD
Stanislaus-Lower San Joaquin River Water Temperature Modeling & Analysis	2002	Calaveras, Stansislaus, Tuolumne	\$661,902	Tri-Dam Project
Tuolumne River - Big Bend Project	2002	Stanislaus	\$706,649	Tuolumne River Preservation Trust
Tuolumne River Mining Reach Restoration: Warner-Deardorff Segment No. 3 - Construction	2002	Stanislaus	\$10,839,000	Turlock Irrigation District
Tuolumne River Sediment Acquisition & Spawning Gravel Transfusion Project	2002	Stanislaus	\$4,350,000	Turlock Irrigation District
Summary for 'Program Element' = Ecosystem Restoration 71 projects				
Grant Dollars Awarded For Program Element:			\$99,107,935	
CBDA Program Element: Storage				
Angiola Groundwater Feasibility Study	2001	Fresno	\$97,500	Angiola Water District
Angiola Groundwater Feasibility Study	2001	Fresno	\$1,534,002	Angiola Water District
Arroyo Pasajero/Cantua Creek Conjunctive Use Hydrologic Study	2001	Fresno	\$72,900	Westlands Water District
Camanche/Valley Springs Groundwater Study	2001	Calaveras	\$241,180	Calaveras County Water District
Cottonwood Creek/Main Canal Groundwater Recharge Feasibility Study	2001	Madera	\$69,000	Gravely Ford Water District
Eastern Kern County Resource Conservation District	2001	Kern	\$207,000	Eastern Kern County Resource Conservation District
Greenfield, City of	2001	Tulare	\$100,000	Greenfield, City of

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	Calendar	G	Grant Amount	
Project Title	Year Funded	County	Awarded	Recipient
Groundwater Basin Data Management System	2001	Madera	\$162,300	Root Creek Water District
Groundwater Monitoring and Recharge Investigation Project	2001	Fresno	\$167,200	City of Clovis
Hannah Ranch Recharge Feasibility Study	2001	Kings, Tulare	\$94,000	Kaweah Delta Water Conservation District
James Irrigation District Recharge Basin Development	2001	Fresno	\$1,578,950	James Irrigation District
Kings River Recharge Feasibility Study	2001	Fresno	\$100,000	Kings River Conservation District
Monitoring Well Replacement	2001	Fresno, Kings, Tulare	\$200,000	Consolidated Irrigation District
Pleasant Valley Groundwater Storage Bank Pilot	2001	Fresno	\$495,550	Pleasant Valley Water District
Root Creek Groundwater Recharge Feasibility Study	2001	Madera	\$68,000	Root Creek Water District
Semitropic Water Storage District Pipeline B369 System & Lateral B230-D Extension	2001	Kern	\$1,691,259	Buttonwillow Improvement District, Semitropic Water Storage District
Semitropic Water Storage District Pipeline P667 System Completion	2001	Kern	\$4,229,791	Pond - Poso Improvement District, Semitropic Water Storage District
Strathmore & Frazier Creeks Recharge Feasibility Studies	2001	Tulare	\$75,000	Friant Water Users Authority
Waldron Pond Recharge/Regulation Expansion Assessment	2001	Fresno	\$97,500	Fresno Irrigation District
Water Quality Study	2001	Kern	\$167,300	Semitropic Water Storage District
White Wolf Basin Groundwater Bank Pilot Project	2001	Kern	\$1,333,094	Wheeler Ridge - Maracopa Water Storage District
Buena Vista Water Storage District	2002	Kern	\$500,000	Buena Vista Water Storage District
Buttonwillow Improvement District, Semitropic Water Storage District	2002	Kern	\$5,000,000	Buttonwillow Improvement District, Semitropic Water Storage District
Cawelo Water District	2002	Kern	\$1,430,000	Cawelo Water District
Clovis, City of	2002	Fresno	\$2,031,245	Clovis, City of
Construct Four Monitoring Wells, Complete Quality Management Operations Study, Develop Geographic Information System Groundwater Database, & Study the Potential of Increasing Aqueduct Return Water Pumping	2002	Kern	\$250,000	Semitropic Water Storage District
Develop Preliminary Plans for Several Conjunctive Water Management Alternatives That Have the Potential of Improving Water Supply Reliability, Protecting Water Quality, & Providing Environmental Benefits	2002	Stanislaus	\$200,000	Eastside Water District

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Project Title	Calendar Year Funded	County	Grant Amount Awarded	Recipient
Install Four or Five Well Clusters (Three Wells in a Cluster) Near Production Wells so That Water Level & Water Quality Data for Each Water-Bearing Zone Can Be Collected. Data Will Be Used in Groundwater Monitoring Program in Management Area C	2002	Kings	\$250,000	Kings River Conservation District
Kern County Water Agency	2002	Kern	\$22,000,000	Kern County Water Agency
Kern Water Bank Authority	2002	Kern	\$3,375,000	Kern Water Bank Authority
Madera Irrigation District	2002	Madera	\$150,000	Madera Irrigation District
North Kern Water Storage District	2002	Kern	\$1,131,000	North Kern Water Storage District
Denair Community Services District	2003	Stanislaus	\$200,000	Denair Community Services District
Fresno Irrigation District	2003	Fresno	\$220,000	Fresno Irrigation District
Kaweah Delta Water Conservation District	2003	Tulare	\$230,000	Kaweah Delta Water Conservation District
Kern Water Bank Authority	2003	Kern	\$220,000	Kern Water Bank Authority
Kings River Conservation District	2003	Fresno	\$220,000	Kings River Conservation District
Madera County Resource Management Agency	2003	Madera	\$250,000	Madera County Resource Management Agency
Pleasant Valley Water District	2003	Fresno	\$220,000	Pleasant Valley Water District
Summary for 'Program Element' = Storage 39 projects				
Grant Dollars Awarded For Program Element:			\$50,658,771	
CBDA Program Element: Water Use Efficiency				
Canal Evaluation for Automated Control	2000	Fresno	\$25,000	CalPoly State University Irrigation Training and Research Center
Constructing Friant Dam Water Education Center	2000	Fresno	\$30,000	Center for Irrigation Technology - Fresno State
Equipment for Authority Staff to Present Water Data and Conservation News to Districts	2000	Fresno	\$6,500	Friant Water Users Authority
Field Irrigation Evaluations and System Analysis	2000	Merced	\$41,250	Delta-Mendota Water Authority
Field Program to Collect and Report Soil Moisture & Irrigation Needs to Growers (Trees & Vines)	2000	Multiple	\$25,000	Center for Irrigation Technology - Fresno State
Mobile Lab Evaluation Team in South-Central California Area Office Service Area	2000	Multiple	\$30,000	CalPoly State University Irrigation Training and Research Center

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Project Title	Calendar Year Funded	County	Grant Amount Awarded	Recipient
Monitor Landscape and Public Parks for Water Use	2000	Fresno	\$15,000	City of Fresno
Museum to Educate Public on Water Resources Within The San Joaquin River Watershed	2000	Fresno	\$60,000	Central Sierra Historical Society
Pipe Open Ditch Irrigation Water and Reduce Seepage and Evaporation	2000	Amador	\$12,000	Amador Resource Conservation District
Placement of Handicap Access Facilities for Education Garden and Visitor Center	2000	Multiple	\$24,728	Center for Irrigation Technology - Fresno State
Remote Operation for Irrigation Flow Control	2000	Fresno	\$9,105	Firebaugh Canal Water District
South Valley Mobile Lab for Friant Member Districts	2000	Fresno	\$24,995	Pond-Shafter Wasco Resource Conservation District
Stockton East Water District Irrigation System with More Efficient Controllers and Sprinklers	2000	San Joaquin	\$10,000	Stockton East Water District
Variable Speed System Added to Irrigation Pumps At Main Headworks	2000	Fresno	\$15,000	Broadview Water District
Water Level Control Valves for Canal Check Structures	2000	Madera	\$14,999	Chowchilla Water District
California Irrigation Management Information System Weather Station	2001	Kern	\$5,500	Delano-Earlimart Irrigation District
Canal Automation Upgrades At Delivery Points	2001	Fresno	\$15,000	James Irrigation District
Canal Gates Automated	2001	Stanislaus	\$15,000	Patterson Irrigation District
Crop Evapotranspiration Study	2001	Fresno	\$9,400	Westlands Water District
Data Logger Installed	2001	Fresno	\$15,000	James Irrigation District
District-Wide Geographic Information System Mapping Of All Irrigation Facilities And Crop Fields	2001	Fresno	\$15,108	Columbia Canal Company
Flow Meters Installed	2001	Merced, Stanislaus	\$15,000	Del Puerto Irrigation District
Flow Meters Installed At Key Canal Diversion Points	2001	Merced	\$30,000	San Luis-Delta Mendota Water Authority
Install Supervisory Control And Data Acquisition System	2001	Fresno	\$15,000	James Irrigation District
Irrigation Scheduling	2001	San Joaquin	\$200,000	WaterTech Partners
Irrigation Scheduling And Record Keeping Of Water Uses	2001	Tulare	\$5,000	Exeter Irrigation District
Mobile Lab	2001	Fresno	\$25,000	Pond-Shafter-Wasco Resource Conservation District
Non Point Source Pollution Reduction in Vineyards	2001	San Joaquin	\$217,440	Lodi-Woodbridge Wine Grape Commission

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Project Title	Calendar Year Funded	County	Grant Amount Awarded	Recipient
On-Farm Ditch and Cast-In-Place Replacement	2001	Stanislaus	\$274,000	Modesto Irrigation District
On-Farm Integrated Irrigation & Drainage Management	2001	Fresno	\$100,000	West Hills Community College District
On-Farm Irrigation Systems Improvements	2001	Fresno	\$152,823	Columbia Canal Company
Service Area 3 Distribution System Improvement	2001	Kern	\$572,100	Lost Hills Water District
Service Area 5 Distribution System Improvement	2001	Kern	\$754,500	Lost Hills Water District
Southwest Stanislaus County Regional Drainage Management	2001	Stanislaus	\$616,200	San Joaquin Valley Drainage Authority
Total Irrigation Management	2001	Stanislaus	\$160,523	Stanislaus Resource Conservation District, West
Total Utilization of Drainage & Minimization of Evaporation	2001	Fresno	\$111,280	Westside Resource Conservation District
Variability of Soil Salinity on Farms	2001	Fresno	\$175,010	Center for Irrigation Technology - Fresno State
Variable Speed Drive Upgrades	2001	Kern	\$15,000	Kern-Tulare Irrigation District
Variable Speed Drive Upgrades	2001	Fresno	\$10,415	Broadview Water District
Variable Speed Drive Upgrades	2001	Tulare	\$20,254	Saucelito Irrigation District
Water Recording System With Hand-Held Recorders	2001	San Joaquin	\$15,000	Plain View Water District
Water Use Efficiency Project	2001	Kern	\$310,000	Kern-Tulare Water District
Xeriscape Garden And Visitor Center At Friant Dam	2001	Fresno	\$20,000	Center for Irrigation Technology - Fresno State
Flow Meters	2002	Merced	\$30,000	Delta-Mendota Water Authority
Herndon Avenue Lateral Feasibility Study	2002	Fresno	\$54,545	Panoche Water District
Residential Ultra Low Flush Toilets	2002	Kern	\$44,000	Bear Valley Community Services District
Turnout Metering	2002	Kings	\$95,000	Consolidated Irrigation District
Variable Speed Drive	2002	Fresno	\$24,702	Broadview Water District
Variable Speed Driver	2002	Tulare	\$20,000	Saucilito Irrigation District
Water Measurement Enhancement Project	2002	Fresno	\$82,500	Westlands Water District
West Point Urban Water Conservation Capital Outlay Grant Project, Phase I	2002	Calaveras	\$1,925,000	Calaveras County Water District
Alpaugh Water Meter Retrofit Program	2003	Tulare	\$70,200	Tulare County Water Works District
Technical Assistance	2003	Fresno	\$20,000	Center for Irrigation Technology - Fresno State

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Project Title	Calendar Year Fundea	l County	Grant Amount Awarded	Recipient
Variable Speed Drive	2003	Fresno	\$14,253	Broadview Water District
Summary for 'Program Element' = Water Use Efficiency 54 projects				
Grant Dollars Awarded For Program Element:			\$6,613,331	
CBDA Program Element: Watershed				
Calaveras River Watershed Management Plan Implementation Program (Phase II)	2001	Calaveras, San Joaquin	\$195,000	Calaveras County Water District
Cosumnes River Watershed Inventory and Assessment	2001	Amador, Sacramento	\$556,325	Sloughhouse Resource Conservation District
Current Condition Assessment of the Silver Creek Drainage and Panoche Alluvial Fan Areas of the Panoche/Silver Creek Watershed	2001	Fresno	\$200,000	Westside Resources Conservation District
Millerton Area Watershed Coalition	2001	Fresno, Madera	\$102,154	Sierra Foothill Conservancy
Murphy Creek Restoration Project	2001	Amador, San Joaquin	\$282,500	San Joaquin County Resource Conservation District
The Arroyo Pasajero Watershed: Restoring the Land for the Water	2001	Fresno	\$181,600	Westside Resource Conservation District
This River is Our River - Watershed Capacity Building	2001	Fresno	\$373,875	San Joaquin River Parkway and Conservation Trust, Inc.
Tuolumne River Initiative: Developing an Integrated Plan	2001	Stanislaus	\$250,000	Tuolumne River Preservation Trust
Feingold Watershed Planning	2002	Fresno, Madera, Mariposa*	\$109,388	Sierra Foothill Conservancy
Panoche Creek Stabilization Project	2002	Fresno	\$200,000	Westside Resource Conservation District
Plymouth Area Vineyard Erosion Control	2002	Amador	\$487,000	Amador County Wine Grape Growers Association
The Stewards of the Arroyo Passajero Coordinated Resource Management Planning: Sharing Our Success	2002	Fresno	\$55,000	Westside Resource Conservation District
Upper Merced River Watershed Management Plan	2002	Mariposa	\$199,825	Mariposa Resource Conservation District
Summary for 'Program Element' = Watershed 13 projects				
Grant Dollars Awarded For Program Element:			\$3,192,667	

<sup>\*</sup> See Complete Grant For More Detail.

Summary for 'Region' = San Joaquin Valley 190 projects

Total Grant Dollars Awarded: \$184,522,667

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